

































-  Secrets
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# HTML static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

All rules 65 Bug 24 Security Hotspot 3 Code Smell 38

Tags

Search by name...

Table cells should reference their headers	Bug
Tables used for layout should not include semantic markup	Bug
Tables should have headers	Bug
"<html>" element should have a language attribute	Bug
<script>...</script> elements should not be nested	Bug
"<th>" tags should have "id" or "scope" attributes	Bug
"<title>" should be present in all pages	Bug
"<!DOCTYPE>" declarations should appear before "<html>" tags	Bug
Elements deprecated in HTML5 should not be used	Bug
HTML "<table>" should not be used for layout purposes	Code Smell
"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements	Code Smell
Videos should have subtitles	Code Smell

## Labels should be defined in the resource bundle

Analyze your code

Bug Major user-experience

Web applications can be made available in multiple languages through the use of internationalization. This allows the server to plug in the correct version of a piece of text based on the language chosen, but it requires that internationalization messages be used instead of hard-coded text.

### Noncompliant Code Example

```
<form method="post">
  <label for="username">Username:</label>  <!-- Noncompliant
  <input type="text" id="username" name="username">
  <br>
  <label for="password">Password:</label>  <!-- Noncompliant
  <input type="password" id="password" name="password">
  <br>
  <input type="submit" name="submit" value="${buttonValue}"
</form>
```

### Compliant Solution

```
<form method="post">
  <label for="username"><fmt:message key="login.label.username" />
  <input type="text" id="username" name="username">
  <br>
  <label for="password"><fmt:message key="login.label.password" />
  <input type="password" id="password" name="password">
  <br>
  <input type="submit" name="submit" value="${buttonValue}"
</form>
```

Available In:

sonarlint | sonarcloud | sonarqube

<div>Attributes deprecated in HTML5 should not be used</div> <div> Code Smell</div>
<div>Sections of code should not be commented out</div> <div> Code Smell</div>
<div>Track uses of "FIXME" tags</div> <div> Code Smell</div>
<div>Meta tags should not be used to refresh or redirect</div> <div> Code Smell</div>
<div>Links should not directly target images</div> <div> Code Smell</div>
<div>"&lt;strong&gt;" and "&lt;em&gt;" tags should be used</div> <div> Bug</div>
<div>"&lt;li&gt;" and "&lt;dt&gt;" item tags should be in "&lt;ul&gt;", "&lt;ol&gt;" or "&lt;dl&gt;" container tags</div> <div> Bug</div>
<div>Server-side image maps ("ismap" attribute) should not be used</div> <div> Bug</div>
<div>"&lt;frames&gt;" should have a "title" attribute</div> <div> Bug</div>
<div>"&lt;fieldset&gt;" tags should contain a "&lt;legend&gt;"</div> <div> Bug</div>
<div>Flash animations should be embedded</div>